

## **Below is a list of extra videos... Scroll Down to Find Extra Videos to Watch**

### Basics of Geometry

<https://schoolyourself.org/learn/geometry/lines-rays>

<https://schoolyourself.org/learn/geometry/degrees>

<https://schoolyourself.org/learn/geometry/angle-names>

<https://schoolyourself.org/learn/geometry/angle-labels>

<https://schoolyourself.org/learn/geometry/parallel>

<https://schoolyourself.org/learn/geometry/perpendicular>

<https://schoolyourself.org/learn/geometry/polygons>

<https://schoolyourself.org/learn/geometry/triangles>

<https://schoolyourself.org/learn/geometry/shapes-3d>

### Angle Relationships

<https://schoolyourself.org/learn/geometry/complementary>

<https://schoolyourself.org/learn/geometry/vertical-angles>

<https://schoolyourself.org/learn/geometry/adding-angles>

<https://schoolyourself.org/learn/geometry/triangle-angles>

<https://schoolyourself.org/learn/geometry/isosceles-angles>

### Parallel Lines with Transversal

<https://schoolyourself.org/learn/geometry/corresponding-angles>

<https://schoolyourself.org/learn/geometry/alternate-interior-angles>

<https://schoolyourself.org/learn/geometry/alternate-exterior-angles>

<https://schoolyourself.org/learn/geometry/triangle-180>

<https://schoolyourself.org/learn/geometry/quads>

## Coordinate Proofs

<https://schoolyourself.org/learn/trigonometry/pythagorean-theorem>

<https://schoolyourself.org/learn/trigonometry/pythagorean-triples>

<https://schoolyourself.org/learn/trigonometry/distance-formula>

## Proofs

<https://schoolyourself.org/learn/geometry/parallelogram-angles>

<https://schoolyourself.org/learn/geometry/parallelogram-diagonals>

<https://schoolyourself.org/learn/geometry/rectangle-diagonals>

<https://schoolyourself.org/learn/geometry/rhombus-diagonals>

<https://schoolyourself.org/learn/geometry/trapezoid-angles>

<https://schoolyourself.org/learn/geometry/altitudes>

## Congruence

<https://schoolyourself.org/learn/geometry/congruence>

<https://schoolyourself.org/learn/geometry/triangles-sss>

<https://schoolyourself.org/learn/geometry/triangles-sas>

<https://schoolyourself.org/learn/geometry/triangles-asa>

<https://schoolyourself.org/learn/geometry/triangles-aas>

<https://schoolyourself.org/learn/geometry/triangles-ssa>

## Similarity

<https://schoolyourself.org/learn/geometry/similarity>

<https://schoolyourself.org/learn/geometry/similar-ratios>

<https://schoolyourself.org/learn/geometry/triangles-aa>

## Right Triangles

<https://schoolyourself.org/learn/geometry/triangle-inequality>

<https://schoolyourself.org/learn/geometry/triangle-compare>

<https://schoolyourself.org/learn/trigonometry/side-names>

<https://schoolyourself.org/learn/trigonometry/sine>

<https://schoolyourself.org/learn/trigonometry/cosine>

<https://schoolyourself.org/learn/trigonometry/tangent>

<https://schoolyourself.org/learn/trigonometry/inverse-sin>

<https://schoolyourself.org/learn/trigonometry/inverse-cos>

<https://schoolyourself.org/learn/trigonometry/inverse-tan>

<https://schoolyourself.org/learn/trigonometry/trig-45>

<https://schoolyourself.org/learn/trigonometry/trig-30>

<https://schoolyourself.org/learn/trigonometry/trig-90>

## Circles – Angles/Arcs

<https://schoolyourself.org/learn/geometry/circles>

<https://schoolyourself.org/learn/geometry/circumference>

<https://schoolyourself.org/learn/geometry/circle-area>

<https://schoolyourself.org/learn/geometry/central-angle>

<https://schoolyourself.org/learn/geometry/inscribed-angle>

<https://schoolyourself.org/learn/geometry/inscribed-diameter>

<https://schoolyourself.org/learn/geometry/circumscribed-angle>

[https://schoolyourself.org/learn/geometry/cyclic\\_quad](https://schoolyourself.org/learn/geometry/cyclic_quad)

<https://schoolyourself.org/learn/geometry/arc-degrees>

<https://schoolyourself.org/learn/geometry/sector-degrees>

## Circles - Lines

<https://schoolyourself.org/learn/geometry/circle-lines>

<https://schoolyourself.org/learn/geometry/congruent-tangents>

<https://schoolyourself.org/learn/geometry/chord-product> do not answer the first question, click on

Let's discover how intersecting chords are related!

<https://schoolyourself.org/learn/geometry/secant-product> do not answer the first question, click on

Let's discover how intersecting secants are related!

## Circles - Volume

<https://schoolyourself.org/learn/geometry/prism-volume>

<https://schoolyourself.org/learn/geometry/other-prism-volume>

<https://schoolyourself.org/learn/geometry/pyramid-volume>

<https://schoolyourself.org/learn/geometry/cone-volume>

<https://schoolyourself.org/learn/geometry/sphere-volume>

<https://schoolyourself.org/learn/geometry/cavalieri-2d>

<https://schoolyourself.org/learn/geometry/cavalieri-3d>

<https://schoolyourself.org/learn/trigonometry/radians>

<https://schoolyourself.org/learn/trigonometry/radians-conversion>

<https://schoolyourself.org/learn/trigonometry/arc-radian>

<https://schoolyourself.org/learn/trigonometry/sector-area>

## Circles – Surface Area

<https://schoolyourself.org/learn/geometry/prism-surface>

<https://schoolyourself.org/learn/geometry/pyramid-surface>

<https://schoolyourself.org/learn/geometry/cylinder-surface>

<https://schoolyourself.org/learn/geometry/cone-surface>

<https://schoolyourself.org/learn/geometry/sphere-surface> VERY TOUGH! Great extension

